





## **QUALITY CERTIFICATE**

Vessel **SHORE TANK NO. 1** 

Customer **SPRAGUE** Operation **ANALYSIS**  Port

SEARSPORT, MAINE

Report

SP/05/0103

Date January 1, 2005 Terminal **SPRAGUE** 

Reference

Sample # 326388

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company)

## **NO. 6 FUEL OIL 0.5%**

EX. SHORE TANK NO. 1 AFTER DISCHARGE OF B NO. 95 **BSI-INSPECTORATE BSI-INSPECTORATE** 

Tests being Performed	Test method	Minimum Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 4052		15.9
FLASH POINT, F	ASTM D 93		182
VISCOSITY, SSF @ 122 F	ASTM D 445/2161		155.9
POUR POINT, F	ASTM D 97		+32.0
WATER & SEDIMENT, % VOL.	ASTM D 1796		0.05
ISULPHUR, % WT.	ASTM D 4294		0.481
)H, % WT.	ASTM D 482		0.035
vánadium, PPM	AA/AE		16 5
SODIUM, PPM	AA/AE		18,749
BTU'S/POUND BTU'S/GALLON	CALCULATION CONVERSION		149,880
NITROGEN, % WT.	ASTM D 3228		0.378
CARBON RESIDUE, % WT.	ASTM D 3220 ASTM D 4530		12.63
ASPHALTENES, % WT.	IP-143		2.40
NOT TIALTERES, 70 VVI.	11 140		2.40
SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS			
REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE.			
THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON			
A COMPOSITE BASIS IN SPRAGUE'S TERMINAL S CERTIFICATE. THE INSPECTION REPORT IS NOT			
PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY F			
BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAI	MS ANY WARRANTY OF		
MERCHANTABILITY OR FITNESS FOR AN INTENDED I SET FORTH IN WRITING IN ANY CONTRACT OR T			
AND A BUYER OF PRODUCT. SPRAGUE ASSUMES I			
THAT MAY ARISE FROM CUSTOMER'S USE OF TH	IIS INSPECTION REPORT/ANALYSIS.		

DENNIS E. CURTIS

Inspectorate America Corp (Searsport, Me.)